Water Treatment

Waste consists of liquid and solid waste taken from homes, commercial establishments and industries. The function of the treatment process is to remove the solids, commonly called sludge, and purify both it and the liquid.

The waste upon entering the plant is first given preliminary treatment to remove sand, solids, and other inorganic matter. This type of sewage passes through grit chambers and screens to separate it from the liquid. Once it is separated from the liquid it is digested and drawn onto sand beds. After drying the sludge may be used as a soil conditioner.

The liquid is treated by adding oxygen and chemicals to it to help purify it. Once the liquid is purified it is disposed of by entering into a stream. Technically, the process is handled by an Imhoff facility.

A new waste treatment plant is currently under construction and will replace the two existing waste treatment plants as they are now incapable of good treatment of waste. The new plant is located outside the City on Hamby Creek. It will be capable of processing two million gallons of sewage a day and will have a potential of four million gallons. The new plant is a conventional type plant and will offer complete treatment of waste.

Collector System

When the new treatment plant is put into operation it will solve the problems inherent in the present facility. The only problem expected is getting collector systems into the areas that were annexed to the City in 1958. Water is offered in these areas at the present time, but waste collection is not. A bond issue for $1,575,000 is proposed to finance a waste collection system for the annexed areas. A referendum on this matter is scheduled for September, 1964. If approved by the people, installation will begin in March, 1965, and will be finished by November, 1966.